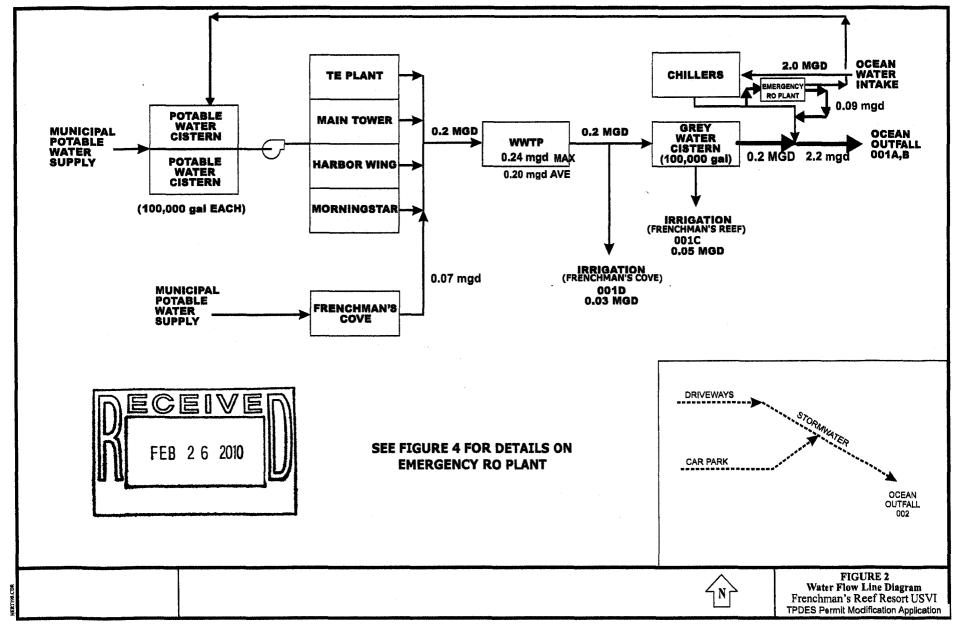
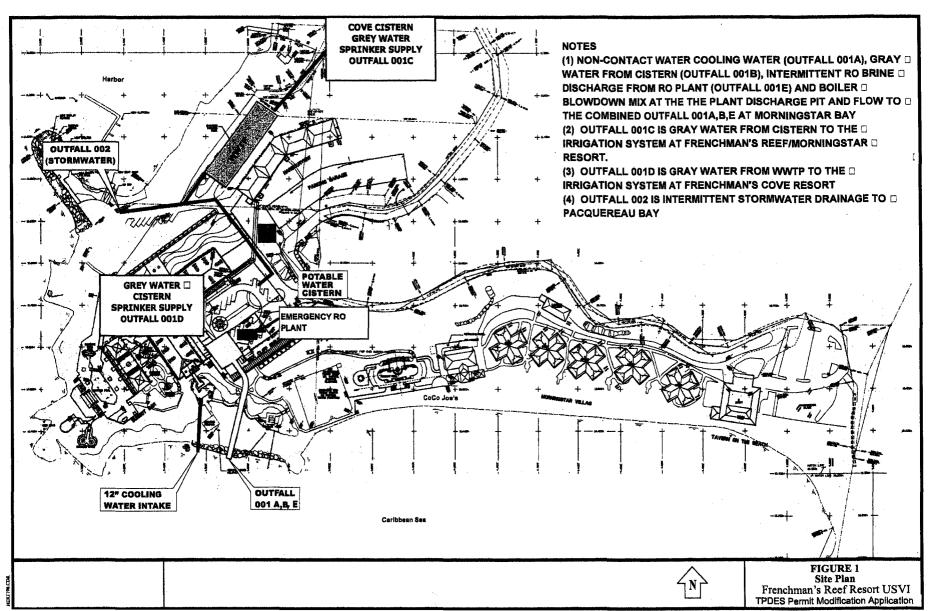
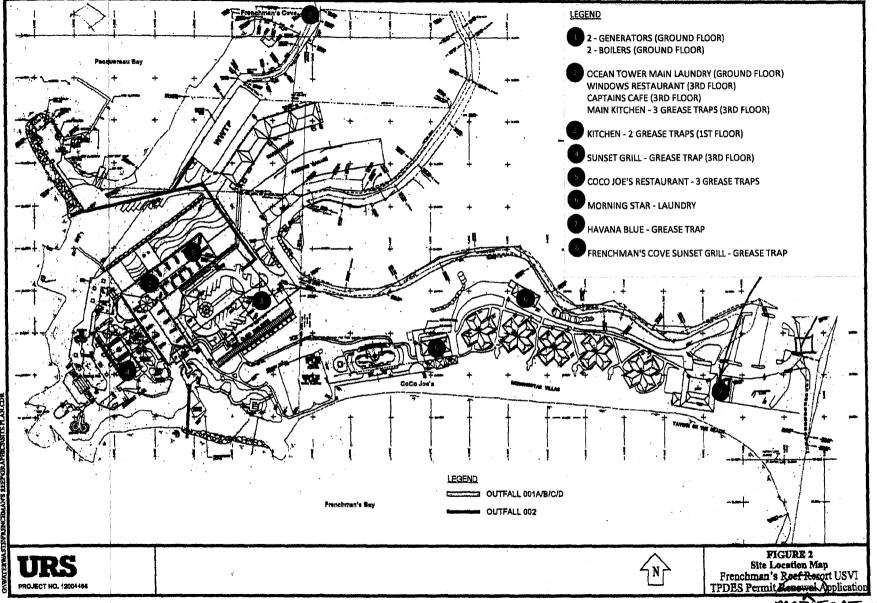
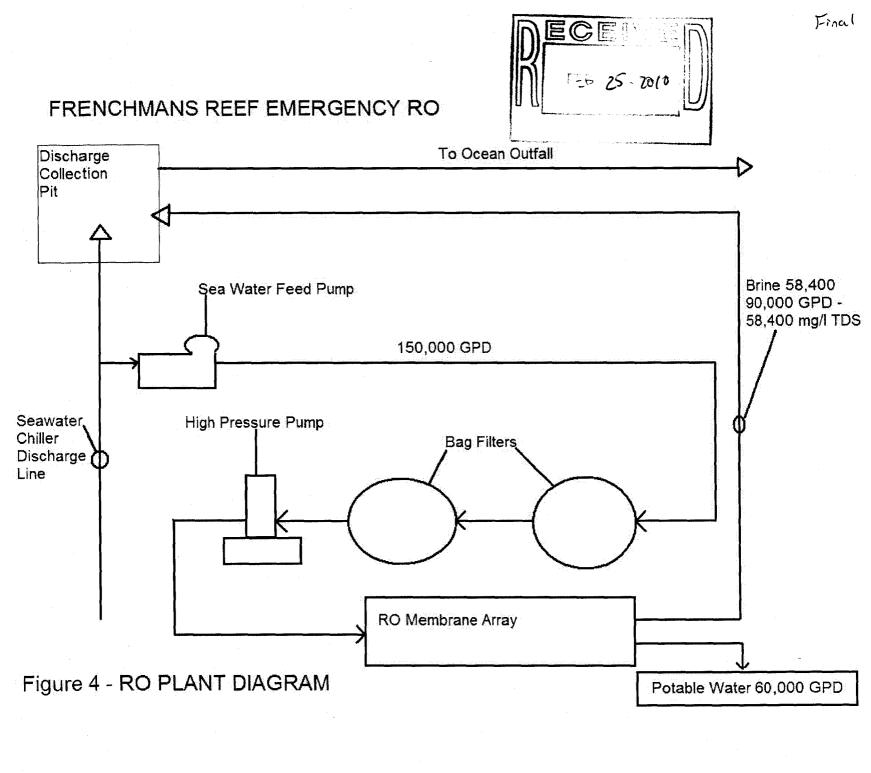
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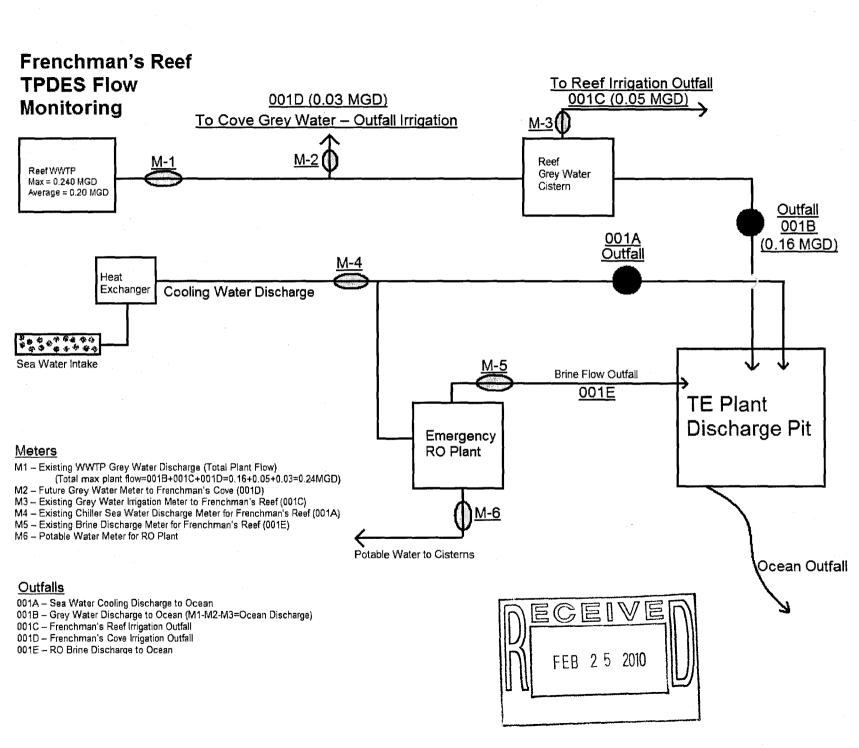
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VII. SIC CODES (4-digit, in order of priority)					
A. FIRST				B. SECO	ND
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VIII. OPERATOR INFORMATION		1 10 19			
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BCM/CHI Frenchman's Reef, Inc.		 			VIII-A also the owner? SE NO
C. STATUS OF OPERATOR (Enter the appropriate letter int			ecify.)		ONE (area code & no.)
F = FEDERAL M = PUBLIC (other than federal or state) S = STATE O = OTHER (specify) P = PRIVATE	P (spec	опу)		C A 340	776 8500
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X. EXISTING ENVIRONMENTAL PERMITS A. NPDES (Discharges to Surface Water)	D DCD (Air Emissions fro	m Dron	and Courses	
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XI. MAP					
Attach to this application a topographic map of the show the outline of the facility, the location of ea					
hazardous waste treatment, storage, or disposal fa					
rivers and other surface water bodies in the map are	ea. See instr				
XII. NATURE OF BUSINESS (provide a brief de	scription)				manay of 4000 manage
Resort Hotel - Frenchman's Reef Hotel/Mornings Frenchman's Cove Resort has 221units with a m				a maximum occi	upancy of 1008 persons.
FIGURE AND A PROPERTY OF THE P	iaximum occ	cuparicy of or	J .		
2 Generators located in TE plant ground level					
2 Boilers located in Plant Ground level					
6 Restaurants (Windows, Captain's Café, Sunse	t Grill, Coco	Joe's, Havar	a Blu	e, Frenchman's	Cove Sunset Grill))
10 Grease Traps (3 in level 3 main kitchen, 1 in Frenchman's Cove Sunset Grill)	Sunset kitch	nen level, 3 in	Cocc	o Joe's ,∠ in Hav	ana Blue, I at
2 laundry facilities (1 in Ocean Tower building gr	ound level a	nd 1 in Morni	ng St	ar)	
2 laanary laamaat (1 m e coan tener te m g g				,	
An emergency Reverse Osmosis water plant will	be operated	d to suppleme	ent the	e public water su	upply. The plant is sized to
produce 60,000 gpd of potable water. The plant		ter from the s	eawa	ter chiller discha	arge line (150,000 gpd) and
discharge into the existing outfall pit (90,000 gpc	u).				
XIII. CERTIFICATION (see instructions)					
I certify under penalty of law that I have personally					
all attachments and that, based on my inquiry of the the application, I believe that the information is true	ie, acquirate a	and complete.	l am	aware that there	are significant penalties for
submitting false information, including the possibility	of fine and it	nprisonment.			
A. NAME & OFFICIAL TITLE (type or print)	B. SIGNATIU	RE			C. DATE SIGNED
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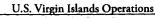












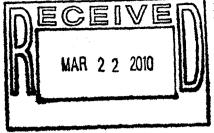


6501 Red Hook Plaza, Suite 201 St. Thomas, Virgin Islands 00802-1306

> T 340.776.7766 F 340.774.9489

March 18, 2010

Department of Planning and Natural Resources Mr. David Simon- TPDES Permit Administrator Division of Environmental Protection Cyril King Airport Terminal Building – Second Floor St Thomas, US Virgin Islands 00802



RE: TPDES Permit VI 0039829 – Permit Modification – Grease Management Plan Marriott Frenchman's Reef, St. Thomas

Dear Mr. Simon:

It has been noted in the past that the existing extended aeration plant struggles with grease loading as do many other resort properties. Once the plant is converted to an MBR process, it will still be essential to minimize the amount of grease entering the plant. As part of this application, all parties involved agree to work together to mitigate the grease problem through the following measures:

- Quarterly training of culinary staff in proper grease handling methods including site visit to the WWTP and tour by TSG. Selection of a culinary staff member by the resort to oversee grease handling practices in the resort kitchens. Bilingual signage is to be installed in all kitchens describing proper grease handling procedures.
- TSG to conduct monthly inspection of all grease interceptors, grease barrels and grease traps on all properties with photo documentation and recommendations for management.
- Resort management to provide preventative maintenance program for all grease interceptors, with log sheet and documentation
- Resort to provide regular hauling of all barrels and grease traps with licensed hauler documentation. Regular hauling is estimated to be on monthly intervals during high season and every two months in the off season.
- As plant operator, TSG will maintain the existing equalization basin as a low aeration/anoxic zone to act as a last collection point for any grease that may have entered the plant. As needed, the surface of this tank will be skimmed by a licensed waste hauler with loads hauled documented in the plant bound TPDES notebook.

The grease handling capacities of the resort are as follows:

Frenchman's Cove – Sunset Grill – 750 gallon grease trap Havana Blue Restaurant – 10 gpm grease interceptor and 135 gallon grease trap Coco Joe's – 2-10 gpm grease interceptors and 420 gallon grease trap Sunset Kitchen – 10 gpm grease interceptor



Main Kitchen/Laundry - 2-10 gpm grease interceptors and 420 gallon grease trap

We trust that this submittal will meet with a favorable reply from DPNR and we can obtain approval from your office to obtain the building permit for the plant upgrade and the TPDES permit modification will be issued. If you have any questions or need further information, please call me at 340-776-7766.

Sincerely

Robert Letersen

General Manager, TSG Technologies, USVI

Cc: Kiera Fitzgerald, TSG

Jose Gonzalez Espinosa - Marriott Frenchman's Reef

David Rose - Marriott Frenchman's Reef

Matt Dean - Marriot Frenchman's Cove

Pieter Knott – Marriott Frenchman's Cove

Bob Madsen - Marriott Frenchman's Cove





February 12, 2010

Department of Planning and Natural Resources Mr. David Simon- TPDES Permit Administrator Division of Environmental Protection Cyril King Airport Terminal Building – Second Floor St Thomas, US Virgin Islands 00802

RE: TPDES Permit VI 0039829 - Request to Modify- Additional Information

Marriott Frenchman's Reef, St. Thomas

Dear Mr. Simon:

Thank you for conducting your site visit on February 10, 2010 at Frenchman's Reef. As requested, we are providing a revised meter and outfall diagram with your suggested changes. In the past two days, we have also been able to obtain 24 hour readings on the Reef gray water Irrigation flows and the seawater cooling discharge flows as follows:

Reef Gray water Irrigation flow – 21,100 gallons per day (gpd) (Outfall 001C)
Reef Sea Water cooling discharge flow – 884,160 gpd. (Outfall 001A)
Outfall 001B flows will be calculated by subtracting the irrigation meter readings from the total plant meter readings to determine the amount sent to the waterfall
Outfall 001D (Cove irrigation flow) will be metered once the meter is installed as part of the comprehensive WWTP upgrade.

We hope and trust that this submittal completes your requests for information and will meet with a favorable reply from DPNR and we can obtain approval from your office to begin the building permit process. If you have any questions or need further information, please call me at 340-776-7766.

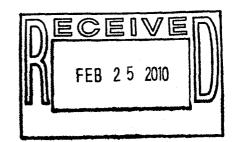
Robert J. Petersen

Sincerely

General Manager, TSG Technologies, USVI

Cc:

David Rose- Marriott Frenchman's Reef Jose Gonzalez Espinosa – Marriott Frenchman's Reef Amy Dempsey – BioImpact







February 9, 2010

Department of Planning and Natural Resources Mr. David Simon-TPDES Permit Administrator Division of Environmental Protection Cyril King Airport Terminal Building – Second Floor St Thomas, US Virgin Islands 00802

RE: TPDES Permit VI 0039829 - Request to Modify- Additional Information

Marriott Frenchman's Reef, St. Thomas

Dear Mr. Simon:

As per our discussions, we are submitting a revised Page V-1 and V-2 for Outfall 001B with the analytical results for the additional wastewater parameters that you requested. The hotel has also completed the installation of the three additional meters you requested in the TE plant, namely the seawater cooling flow meter, the irrigation pump discharge flow meter and the RO plant brine discharge flow meter.

We hope and trust that this submittal will meet with a favorable reply from DPNR and we can obtain approval from your office to begin the building permit process once the TPDES modification is approved. If you have any questions or need further information, please call me at 340-776-7766.

Sincerely,

Robert J. Petersen

General Manager, TSG Technologies, USVI

Cc:

David Rose- Marriott Frenchman's Reef

Jose Gonzalez Espinosa - Marriott Frenchman's Reef

Amy Dempsey - BioImpact





January 18, 2010

Department of Planning and Natural Resources Mr. David Simon- TPDES Permit Administrator Division of Environmental Protection Cyril King Airport Terminal Building – Second Floor St Thomas, US Virgin Islands 00802

RE: TPDES Permit VI 0039829 - Request to Modify- Additional Information

Marriott Frenchman's Reef, St. Thomas

Dear Mr. Simon:

As per our meeting last week, we are submitting the missing DMR's for the Reef WWTP that cover Oct. – Dec. 2006, Jan. – Dec. 2007 and August – Dec. 2008. You should have Jan.-July of 2008 and all of 2009 in your possession already. I believe this should complete this section of the permit file.

As we discussed, we apologize on behalf of the hotel for the lapse in record keeping on the seawater cooling discharge and the irrigation pumped discharge. As you may know, the irrigation system at the Frenchman's Cove property has never accepted gray water from the plant and has used WAPA water to irrigate since opening in 2007, therefore those flows are noted as "0.0 mgd" since March 2007. The hotel plans to immediately install a new 2 inch meter on their irrigation discharge, a 6-inch meter on the seawater discharge and a brine discharge flow meter for the emergency RO plant. We will use the values from the Reef irrigation discharge and the total WWTP discharge to calculate how much gray water is being sent to the ocean outfall. Please see attached sketch of the metering locations at the Reef.

We hope and trust that this submittal will meet with a favorable reply from DPNR and we can obtain approval from your office to begin the building permit process once the TPDES modification is approved. If you have any questions or need further information, please call me at 340-776-7766.

Sincerely

Robert J. Petersen

General Manager, TSG Technologies, USVI

Cc

Jose Gonzalez Espinosa – Marriott Frenchman's Reef

Amy Dempsey - BioImpact





December 23, 2009

Department of Planning and Natural Resources Mr. David Simon-TPDES Permit Administrator Division of Environmental Protection Cyril King Airport Terminal Building – Second Floor St Thomas, US Virgin Islands 00802

RE: TPDES Permit VI 0039829 – Application to Modify- Requested Changes Marriott Frenchman's Reef, St. Thomas

Dear Mr. Simon:

Thank you for meeting with us on December 21, 2009 to discuss our submittal of the TPDES Permit modification application on behalf of Marriott Frenchman's Reef and Marriott Frenchman's Cove to modify and upgrade their wastewater treatment plant. It is our understanding from our discussions that since the entire upgrade will take place within the existing footprint of the wastewater treatment plant that no modification to the CZM permit will be required.

As per your request, please find attached the following additional documents to accompany the documents delivered on December 21:

- Letter confirming TSG's role as Operator and Design-Build contractor for the plant
- Revised figure 1- Site Plan
- Revised figure 2- Water Flow Line Diagram
- Revised Figure 4- RO plant
- Revised Form 2C adding Outfall 001E as the RO plant brine discharge
- Revised pages V-1 through V-9 for the outfalls: 001 A, 001 B,C,D and 001 E.
- Design Drawing D-1 showing the demolition aspects of the upgrade, namely, the removal of the sand filter, relocation of the existing stairway and removal of the concrete slab that formerly housed standby generators and the non-operational bagger.

You asked about the "primary and secondary flow path" arrows on Design Drawing G-1 "Process Flow Diagram". The primary flow path indicates the path of flow through the facility once the upgrade is fully completed and operating as designed. The secondary flow path indicates the flow during an interim step of the upgrade process. For a short period of time during the upgrade, the existing sludge digester will be put into service as an aeration basin that gravity flows to the MBR tanks and returns flow from the MBR tanks to the digester via pumps. This will allow us to take the three existing aeration basins out of service to make tank penetrations, install piping and valves, clean the bottom of these tanks and make any necessary repairs to the aeration arrays. The period of time to do this is estimated at two to three weeks. Once these items are completed, the three aeration basins will be returned to service and the



sludge digester returned to its original status. The entire plant upgrade process is estimated to take 3-4 months.

You also indicated the entire permit review process could take as long as 90 days to issue the final permit modification although the department will endeavor to do so in a shorter time frame. We are eager to begin any aspects of this project that might shorten the overall time frame and with this letter, we are requesting permission to demolish the existing slab inside the WWTP that lies in the direct path of the new concrete MBR tankage. This slab is currently serving no purpose and it will save about 2 weeks in the schedule.

With this letter and attachments we trust we have addressed your requests and the permit review period can begin. If you have any questions or need further information, please call me at 340-776-7766.

Sincerely

Robert J. Petersen

General Manager, TSG Technologies, USVI

Cc: Kiera Fitzgerald, TSG

Jon Sprague, TSG

Jose Gonzalez Espinosa – Marriott Frenchman's Reef

Matt Dean - Marriot Frenchman's Cove

Scott McFarlane - Marriott Frenchman's Cove



U.S. Virgin Islands Operations

F 340.774.9489

6501 Red Hook Plaza, Suite 201 St. Thomas, Virgin Islands 00802-1306 T 340.776.7766

December 21, 2009

Department of Planning and Natural Resources Mr. David Simon- TPDES Permit Administrator Division of Environmental Protection Cyril King Airport Terminal Building – Second Floor St Thomas, US Virgin Islands 00802

RE:

TPDES Permit VI 0039829 - Application to Modify

Marriott Frenchman's Reef, St. Thomas

Dear Mr. Simon:

This is to confirm that TSG Technologies, a USVI licensed company, is the current operator of the Frenchman's Reef wastewater treatment plant. TSG has operated the plant since 2001 under several general managers and directors of engineering. In 2007, the Frenchman's Cove fractional ownership project came on line and also began to contribute flow to the plant. In addition to operating the plant, we have provided consulting advice to the resort and are currently doing the engineering to expand the plant's capacity as detailed in our TPDES Permit Modification submittal. As a design-build-operate contractor, it is our expectation that we will continue to operate the plant once we have completed the upgrades in 2010.

If you have any questions or need further information, please call me at 340-776-7766.

Sincerely.

Robert J. Petersen

General Manager, TSG Technologies, USVI

Cc: Kiera Fitzgerald, TSG

Jon Sprague, TSG

Jose Gonzalez Espinosa – Marriott Frenchman's Reef

Matt Dean - Marriot Frenchman's Cove

Scott McFarlane - Marriott Frenchma's Cove





U.S. Virgin Islands Operations

F 340.774.9489

6501 Red Hook Plaza, Suite 201 St. Thomas, Virgin Islands 00802-1306 T 340.776.7766

December 15, 2009

Department of Planning and Natural Resources Mr. David Simon- TPDES Permit Administrator Division of Environmental Protection Cyril King Airport Terminal Building – Second Floor St Thomas, US Virgin Islands 00802

RE: TPDES Permit VI 0039829

Marriott Frenchman's Reef, St. Thomas

Dear Mr. Simon:

On behalf of Marriot Frenchman's Reef Hotel and Marriot Frenchman's Cove resort, we are submitting this application to modify the existing TPDES permit for the property. This application addresses the construction of an upgrade to the plant using membrane bioreactor technology (MBR) to increase the plant's capacity and to allow it to treat higher flows.

History of recent activity of this permit is as follows:

On September 7, 2006, DPNR granted TPDES permit no. VI 0039829 to BCM/CHI Frenchman's Reef, Inc. (the Permittee) to allow it to operate a seawater cooling discharge facility and a wastewater treatment plant. The plant treats wastewater from the Frenchman's Reef and Morning Star Hotel and from the Frenchman's Cove fractional ownership development. This permit is currently in effect and expires on September 30, 2011.

Expansion of the Wastewater Treatment Plant:

The existing plant must be expanded to provide an additional 30,000 gpd of monthly average treatment capacity due to increased flows observed in summer season of 2009 and a new Cove building opening in first quarter 2010. The attached Basis of Design Report provides the needed engineering analysis and design to support this expansion. The plant is currently permitted for 170,000 gpd monthly average flow and 200,000 gpd daily max. flow. This TPDES permit modification application is proposing a 200,000 gpd monthly average flow and a 240,000 gpd daily max flow.

Grease Management Plan

It has been noted in the past that the existing plant struggles with grease loading as do many resort properties. As part of this application, all parties involved agree to work together to mitigate the grease problem through the following measures:

• Quarterly training of culinary staff in proper grease handling methods including site visit to the WWTP. Selection of a culinary staff member to oversee grease handling practices



in the resort kitchens. Bilingual signage is to be installed in all kitchens describing proper grease handling procedures.

- Monthly inspection of all grease interceptors, grease barrels and grease traps on all properties with photo documentation for management.
- Preventative maintenance program for all grease interceptors
- Regular hauling of all barrels and grease traps with licensed hauler documentation.
 Regular hauling is estimated to be on monthly intervals during high season and every two months in the off season.

The grease handling capacities of the resort are as follows:

Frenchman's Cove – Sunset Grill – 750 gallon grease trap Havana Blue Restaurant – 10 gpm grease interceptor and 135 gallon grease trap Coco Joe's – 2-10 gpm grease interceptors and 420 gallon grease trap Sunset Kitchen – 10 gpm grease interceptor Main Kitchen – 2-10 gpm grease interceptors and 420 gallon grease trap

WWTP Power Outage Plan

In the event of a power loss, the resort has two large standby generators that restore power to the resort within 5 seconds. The WWTP power feed will be directly tied to the standby generators. In the unlikely event that the standby generators do not kick in, flow to the WWTP will instantly diminish as all water pumping and lift station pumping will cease, with only the gravity line still contributing flow to the plant. At this point, the proposed mixed liquor gravity feed from the aeration basins to the MBR basins will only contribute about 6,000 to 7,000 gallons of overflow each which will be routed to the EQ tank. In the event the EQ tank capacity is exceeded, the clarifier will be off line, empty and available to accept any extra flow.

Emergency RO Plant

Also included in this application is the information to permit the discharge from the existing emergency RO plant that is constructed within the total energy plant within the hotel at ground level.

We hope and trust that this submittal will meet with a favorable reply from DPNR and we can obtain approval from your office to begin the building permit process once the TPDES modification is approved. If you have any questions or need further information, please call me at 340-776-7766.

Sincerely.



Robert J. Petersen General Manager, TSG Technologies, USVI

Cc: Kiera Fitzgerald, TSG
Jon Sprague, TSG
Jose Gonzalez Espinosa – Marriott Frenchman's Reef
Matt Dean – Marriot Frenchman's Cove
Amy Dempsey - BioImpact

Please print or type in the unshaded areas only.

nniv

Form Approved.
OMB No. 2040-0086.
Approval expires 3-31-98.

PORM 2C NPDES



U.S. ENVIRONMENTAL PROTECTION AGENCY APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICULTURE OPERATIONS Consolidated Permits Program

I. OUTFALL LOCATION

For each outfall, list the latitude and longitude of its location to the nearest 15 seconds and the name of the receiving water.

A. OUTFALL NUMBER		B. LATITUDE		C	LONGITUD	E	
(list)	1. DEG.	2. MIN.	3. SEC.	1. DEG.	2. MIN.	3. SEC.	D. RECEIVING WATER (name)
001A	18.00	19.00	30.00	64.00	55.00	37.00	Morningstar Bay
001B	18.00	19.00	30.00	64.00	55.00	37.00	Morningstar Bay
001C	18.00	19.00	31.00	64.00	55.00	37.00	Irrigation System - Frenchman's Reef
001D	18.00	19.00	31.00	64.00	55.00	38.00	Irrigation System - Frenchman's Cove
001E	18.00	19.00	30.00	64.00	55.00	37.00	Morningstar Bay

II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES

- A. Attach a line drawing showing the water flow through the facility. Indicate sources of intake water, operations contributing wastewater to the effluent, and treatment units labeled to correspond to the more detailed descriptions in Item B. Construct a water balance on the line drawing by showing average flows between intakes, operations, treatment units, and outfalls. If a water balance cannot be determined (e.g., for certain mining activities), provide a pictorial description of the nature and amount of any sources of water and any collection or treatment measures.
- B. For each outfall, provide a description of: (1) All operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, and storm water runoff; (2) The average flow contributed by each operation; and (3) The treatment received by the wastewater. Continue on additional sheets if necessary.

1. OUT-	2. OPERATION(S) (CONTRIBUTING FLOW	3. TREATMEN	т	
FALL NO. (list)	(a. o. =. o. ()	b. AVERAGE FLOW (include units)	a. DESCRIPTION		DES FROM E 2C-1
001A	Equipment Cooling Water	2.0 MGD	Ocean Discharge through Outfall	4	В
	Sanitary Wastewater		Activated Sludge		
001B	Sanitary wastewater	0.12 MGD	_	3	A
			Microstraining	1	N
		1	Disinfection (chlorine)	2	F
			Ocean Discharge through Outfall	4	В
001C	Sanitary Wastewater	0.05 MGD	Activated Sludge	3	A
			Microstraining	1	N
			Disinfection (chlorine)	2	F
			Spray Irrigation/Land Application	4	С
001D	Sanitary Wastewater	0.03 MGD	Activated Sludge	3	A
			Microstraining	1	N
			Disinfection (chlorine)	2	P
			Spray Irrigation/Land Application	4	С
001E	Reverse Osmosis water plant	0.09 MGD	Ocean Discharge through Outfall	1	s
_					
ļ					

OFFICIAL USE ONLY (effluent guidelines sub-categories)

EPA I.D. NUMBER (copy from Item 1 of Form 1) V10039829

Form Approved.
OMB No. 2040-0086.
Approval expires 3-31-98.

PORM 2C SEPA

OUTEAU LOCATION

U.S. ENVIRONMENTAL PROTECTION AGENCY APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER

EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICULTURE OPERATIONS

Consolidated Permits Program

C	8	EF	PA
PDES	ł		

I. OUTFALL LOCATION							
For each outfall, list the	latitude and	longitude of it	s location to t	he nearest 15	seconds and	the name of	the receiving water.
A. OUTFALL NUMBER		B. LATITUDE		C	. LONGITUD	E	
(list)	1. DEG.	2. MIN.	3. SEC.	1. DEG.	2. MIN.	3. SEC.	D. RECEIVING WATER (name)
002	18.00	19.00	33.00	64.00	55.00	37.00	Pacquerau Bay
	- "						

II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES

- A. Attach a line drawing showing the water flow through the facility. Indicate sources of intake water, operations contributing wastewater to the effluent, and treatment units labeled to correspond to the more detailed descriptions in Item B. Construct a water balance on the line drawing by showing average flows between intakes, operations, treatment units, and outfalls. If a water balance cannot be determined (e.g., for certain mining activities), provide a pictorial description of the nature and amount of any sources of water and any collection or treatment measures.
- B. For each outfall, provide a description of: (1) All operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, and storm water runoff; (2) The average flow contributed by each operation; and (3) The treatment received by the wastewater. Continue on additional sheets if

	2 ODEDATION(S)	CONTRIBUTING FLOW	3. TREATMEN	IT	
1. OUT- FALL NO. (list)	a. OPERATION (list)	b. AVERAGE FLOW (include units)	a. DESCRIPTION	b. LIST CO	DES FRO
002	Storm Water Runoff	0.004 MGD	Ocean discharge throung outfall	4	В
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PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets (*use the same format*) instead of completing these pages. SEE INSTRUCTIONS.

EPA I.D. NUMBER (copy from Item 1 of Form 1) VI0039829

SEE INSTRUCTIONS.

V. INTAKE AND EFFLUENT CHARACTERISTICS (continued from page 3 of Form 2-C)

OUTFALL NO.

PART A -You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

								T				
	1			2, EFFLUE	ENT			3. UN (specify if		<u> </u>	4. INTAKE (optional)	
	a. MAXIMUM DA	AILY VALUE	b. MAXIMUM 30 (if availa			1 AVRG, VALUE vilable)	1,110,05			a. LONG AVERAGE		L NO 05
1. POLLUTANT	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATIO	N (2) MASS	d. NO. OF ANALYSES	a, CONCEN- TRATION	b. MASS	(1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Biochemical Oxygen Demand (BOD)	N/A											
b. Chemical Oxygen Demand (<i>COD</i>)	N/A											
c. Total Organic Carbon (TOC)	N/A											
d. Total Suspended Solids (TSS)	N/A										·	
e. Ammonia (as N)	N/A											
f. Flow	VALUE 2.0	1	VALUE		VALUE 0.	. 88	2		MGD	VALUE		
g. Temperature (winter)	VALUE 30		VALUE		VALUE		2	*C	;	VALUE		
h. Temperature (summer)	VALUE 32.3	3	VALUE		VALUE		2	°C	;	VALUE		
i. pH	MINIMUM 7.70	MAXIMUM 7.76	MINIMUM 7.56	MAXIMUM 7.67			2	STANDAR	D UNITS			

PART B — Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See the instructions for additional details and requirements.

	2. MA	RK "X"			3,	EFFLUENT				4. UNI	rs	5. INT.	AKE (optiona	al)
1. POLLUTANT AND	a.	b.	a, MAXIMUM DA	ILY VALUE	b. MAXIMUM 30 (if availa		c. LONG TERM A' (if availa		(00110=11	i	a, LONG TERM / VALUE		, NO 07
CAS NO. (if available)	BELIEVED PRESENT	BELIEVED ABSENT	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	(1) CONCENTRATION	_(2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)		X												-
b. Chlorine, Total Residual		X								VEC	旦山			
c, Color		X								川		0010		
d, Fecal Coliform		X		·) FE		2010	1	
e, Fluoride (16984-48-8)		X												
f. Nitrate-Nitrite (as N)		X												

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EPA I.D. NUMBER (copy from Item 1 of Form 1) VI0039829

V. INTAKE AND EFFLUENT CHARACTERISTICS (continued from page 3 of Form 2-C)

OUTFALL NO.

PART A -You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

				2. EFFLU	ENT			3. UNI (specify if			1. INTAKE (optional)		
	a, MAXIMUM DA	ILY VALUE	b. MAXIMUM 30 (if availa		c. LONG	TERM AVR (if available)		d. NO. OF	a. CONCEN-		a. LONG 1 AVERAGE		b. NO, OF
1. POLLUTANT	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION (2)		(2) MASS	ANALYSES	TRATION	b. MASS	(1) CONCENTRATION	(2) MASS	ANALYSES
a. Biochemical Oxygen Demand (BOD)	22							2	mg/l				
b. Chemical Oxygen Demand (<i>COD</i>)	82							2	mg/l				
c. Total Organic Carbon (TOC)	14		,					2	mg/l				
d. Total Suspended Solids (TSS)	28.7							3	mg/l				
e. Ammonia (as N)	23.5							2	mg/l				
f. Flow	VALUE 0.24	1	VALUE 0.2	0	VALUE	0.18		30		MGD	VALUE		
g. Temperature (winter)	VALUE 30		VALUE		VALUE		- J	5	°C		VALUE		
h. Temperature (summer)	VALUE 33		VALUE		VALUE			5	°C		VALUE		
i. pH	MINIMUM 5.5	MAXIMUM 8.2	MINIMUM 6.1	MAXIMUM 8.2				5	STANDARI	UNITS			

PART B — Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitations guideline, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See the instructions for additional details and requirements.

	2. MA	RK "X"			3.	EFFLUENT				4. UNI	rs	5. INT	AKE (option	al)
1. POLLUTANT AND	a.	b,	a. MAXIMUM DA	ILY VALUE	b. MAXIMUM 30 [(if availal		c, LONG TERM AV (if availal					a. LONG TERM A		
CAS NO. (if available)	BELIEVED PRESENT	BELIEVED ABSENT	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	(1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)		X												同
b. Chlorine, Total Residual	X		1.0						3	mg/l	U	CEI	VE	MM
c. Color		X									IVI		0010	
d. Fecal Coliform	X		22						3	#/100ml			2010	
e. Fluoride (16984-48-8)		X									In af			1-1
f. Nitrate-Nitrite (as N)	X		4.5						1	mg/l				

(7440-32-6)

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V. INTAKE AND	EFFLUE	ENT CHARAC	TERISTICS (conti	nued from page 3	of Form 2-C)								OUTFALL NO.	
PART A -You m	ust provi	de the results	of at least one an	alysis for every pol	lutant in this table	. Complete on	e table for each o	utfall. See inst	ructions for add	litional details.				
					2, EFFLUE	ENT				3. UN (specify if			. INTAKE (optional)	
			M DAILY VALUE	(if ava	30 DAY VALUE	c, LON	G TERM AVRG. \ (if available)	/ALUE	d. NO. OF	a, CONCEN-		a. LONG T AVERAGE V		b. NO. OF
1. POLLUTA	NT	(1) CONCENTRAT	10N (2) MASS	(1) CONCENTRATIO	N (2) MASS	(1) CONCE	NTRATION	(2) MASS	ANALYSES	TRATION	b. MASS	(1) CONCENTRATION	(2) MASS	ANALYSES
a. Biochemical O Demand (BOD)	xygen	N/A												
b. Chemical Oxy Demand (<i>COD</i>)	gen	N/A												
c. Total Organic (<i>TOC</i>)	Carbon	N/A												
d. Total Suspend Solids (TSS)	ied	N/A												
e, Ammonia (<i>as l</i>	V)	0												
f. Flow		VALUE	.09	VALUE		VALUE			Estimat		MGD	VALUE		
g. Temperature (winter)		VALUE	28	VALUE		VALUE			Estimat	°C		VALUE		
h. Temperature (summer)		VALUE	32.2	VALUE		VALUE	LUE Estima			°C		VALUE		,
i. pH		MINIMUM 7.0	MAXIMUM 8.0	MINIMUM	MAXIMUM					STANDARI	OUNITS			
direc	ctly, or in	directly but e		fluent limitations g	juideline, you mu	st provide the	results of at leas	t one analysis	for that pollute	ant, For other p	ollutants for	lumn 2a for any poll which you mark col		
		ARK "X"			3	. EFFLUENT					JNITS		TAKE (option	al)
1. POLLUTANT AND	a.	b.	a. MAXIMUM [DAILY VALUE	b. MAXIMUM 30 (if availa		c. LONG TERM (if ava				.	a. LONG TERM VALU		b. NO. OF
CAS NO. (if available)	BELIEVE PRESEN		(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATIO	N (2) MASS	d. NO. OF ANALYSE			S CONCENTRATION	N (2) MASS	ANALYSES
a. Bromide (24959-67-9)		X												
b. Chlorine, Total Residual		$\perp \times$												
c. Color		X												
d. Fecal Coliform		\perp												
e. Fluoride (16984-48-8)		X												
f. Nitrate-Nitrite (as N)		X		1										